

FIG. 1

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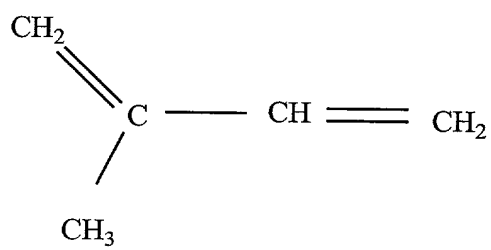
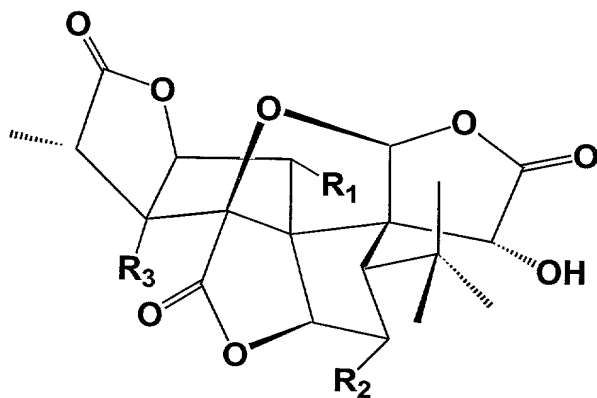


FIG. 2

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(watch out for losing text in table)



Ginkgolides A, B, C, J, M

| Ginkgolide | | | |
|--------------|--|--|--|
| Ginkgolide A | | | |
| Ginkgolide B | | | |
| Ginkgolide C | | | |
| Ginkgolide J | | | |
| Ginkgolide M | | | |

FIG. 3

GbLS MAGVLEAFNLPQSLQLSPKVP- - - - FROSTNIPFHKRSSFQFNAQHCVRSHLRRLWN- - - - 54
 AgAS MAL- - - - MPSS- SLSSQIPTAAHHLTANAOSIPHE- - - STTLNAGSSASKRRSLYLRVKGKSNKII 57
 AgBS MAGV- - SAVSKVSSLVCDLSSSTSGLIERTANP- - - - - - - - - - - - - - - - - - 30
 TbTS MAQLSFNAALAKMNALGNRAIHDPNTNCRAKSER- - - - - - - - - - - - - - - - - - 58

GbLS - CVGIHASAAETRPDQLPQEERFVSR- - - - INADYHPAVWKDDFDLSLTSPNSHATS KSS VDETINK 116
 AgAS ACVG- - EGGA TSVPYQSAEKNLSLSSSTTLVKREFPPGFEWKDDLIDSLTSSSHK- - - - - - - - - - - - 114
 AgBS - 54
 TbTS VMSSSSTGTSTKVVSETSSSTIVBDIPR- 114

GbLS RIOTLVKEIQCMFQSMGDGETN- - - - PSAYDTAWVARIPSI- - - - DSGAPQFPQTLQWILNNQLPDG 176
 AgAS RIETLLISEIKNMFRCMGYGETN- - - - PSAYDTAWVARIPAV- - - - DSGDNPHFPETVEWILQNLKDG 174
 AgBS RAEVLVSEIKANLNPATIGDGESMITPSAYDTAWVARIPAI- - - - DSGARPOFPQTVLWILKNQLKDG 118
 TbTS RADELVVKIKDMFNALGDGD- 176

GbLS SWGEEICIFLAYDRVLNTLACLITTEKIWNKGDIQVQKGVFEFVRKHMFBMKDEADNHR- - - - - - - - - - - - 241
 AgAS SWGEGFYFLAYDRILATLACIITLTTLWRTGETQVQKGVFEFERTQAGKMEDEADSHR- - - - - - - - - - - - 239
 AgBS SWGIQSHFLLSDRLLATISCVIVLKWNVGDLQVQKGVFEFISNLELVKDETDQDSLVTDFEIIIFP 184
 TbTS SWGIESHFLC DRLLINTTNSVIALSVWKTGHSQVQKGVFEFIAENIRILNDEDE- - - - - - - - - - - - 239

GbLS AMIDEAKSLGLDLPYHLPFISQIHQKROKKIKQIPNLVHNHOTALLYSLEGLQDVVDWQEBITNLQ 307
 AgAS AMIKFEAKILGLDLPYDLPFLKQIEKREFAKIKRIPTDVIYALPTITLLYSLEGLQEBIVDWOKINKQ 305
 AgBS SLIREAQSILGLPYDLPYIHLLQTKROERIAKLRBBIVAVPSPLLYSLEGLQEBIVDWOKINKQ 250
 TbTS ALLQKAKALGILNLPYDLPFLKQIYSTTREA RLTDVS- 304

GbLS SRDGSFLSSPASTACVFMHTQNRCLHFLNFVLSKFGDYVPCHYPLDLFERLWAVDTVERLIGIDRY 373
 AgAS SKDGSFLSSPASTAAVFMRTGNEKCLDFLNFVLSKFGNHVPCHYPLDLFERLWAVDTVERLIGIDRH 371
 AgBS SODGSFLSSPASTACVFMHTGDAKCLBFLNSVMIKFGNFVPCLYPVOLLERLLIVDNIVRLGIYRW 316
 TbTS SKDGSFLSSPASTACVLMNTGDBKCFTEFLNNLLDKFGGCVPCMYSIDLLIERISLVDNIEHLIGIRH 370

GbLS FKKEIKESLDYVYRYWDAERGVGWARCNPIPDVDDTAMGLRILRLHGYNVSSDVLBNFRDEKGDFF 439
 AgAS FKKEIKESLDYVYSHWD- ERGIGWARCNPIPDVDDTAMGLRILRLHGYNVSSDVLBNFRDEKGDFF 436
 AgBS FKKEIKESLDYVYRHWN- ERGIGWGRNPIPDVDDTAMGLRILRLHGYNVSSDVLBNFRDEKGDFF 381
 TbTS FKKEIKESLDYVYRHWN- ERGIGWGRNPIPDVDDTAMGLRILRLHGYNVSSDVLBNFRDEKGDFF 435

GbLS CFPAGOTQIGVTDNLNLYRCSQVCFPGGKIMEEAKTHTTNHLONALAKNNAFDKWAVKDDIPGEVEY 505
 AgAS CFPAGOTQIGVTDNLNLYRCSQVCFPGGKIMEEAKTHTTNHLONALAKNNAFDKWAVKDDIPGEVEY 502
 AgBS CSTGQFENKDWASMINLYRASQLAFPGGKIMEEAKTHTTNHLONALAKNNAFDKWAVKDDIPGEVEY 447
 TbTS SISAGOTHVELRSVVNIFRASDLAFPGGKIMEEAKTHTTNHLONALAKNNAFDKWAVKDDIPGEVEY 496

GbLS AIKYPWHRSMPRLEARSYIEQFGSNDVWLGKTVYKNLYVSNEKYLELAKLDFNMVQALHQKETQHI 571
 AgAS AIKYPWHRSMPRLEARSYIEQFGSNDVWLGKTVYKNLYVSNEKYLELAKLDFNMVQALHQKETQHI 568
 AgBS AIKYPWHRSMPRLEARSYIEQFGSNDVWLGKTVYKNLYVSNEKYLELAKLDFNMVQALHQKETQHI 513
 TbTS VVBYPWHRSMPRLEARSYIEQFGSNDVWLGKTVYKNLYVSNEKYLELAKLDFNMVQALHQKETQHI 562

GbLS VSWWRESGFNDLTFTRQRPVEMYFSVAVSMFEPEFAACRIAYAKTSCIAVILDDLYDTHGSLDDLK 637
 AgAS VSWWRESGFNDLTFTRQRPVEMYFSVAVSMFEPEFAACRIAYAKTSCIAVILDDLYDTHGSLDDLK 634
 AgBS VSWWRESGFNDLTFTRQRPVEMYFSVAVSMFEPEFAACRIAYAKTSCIAVILDDLYDTHGSLDDLK 579
 TbTS VSWWRESGFNDLTFTRQRPVEMYFSVAVSMFEPEFAACRIAYAKTSCIAVILDDLYDTHGSLDDLK 626

GbLS LFSEAVRRWDISVLDSVRDNOLKVCFLGLYNTVNGFGKDGLEQGRDVLGYLRKVWEGLLASYTE 703
 AgAS LFSEAVRRWDISVLDSVRDNOLKVCFLGLYNTVNGFGKDGLEQGRDVLGYLRKVWEGLLASYTE 699
 AgBS LFSEAVRRWDISVLDSVRDNOLKVCFLGLYNTVNGFGKDGLEQGRDVLGYLRKVWEGLLASYTE 644
 TbTS LFSEAVRRWDISVLDSVRDNOLKVCFLGLYNTVNGFGKDGLEQGRDVLGYLRKVWEGLLASYTE 691

GbLS AEWSAAKYVPTFNEYVENAKVSIALATVVLNSIFH- TGEILPDYILQVQDLRSK- - - - - - - - - - - - 766
 AgAS AEWSAAKYVPTFNEYVENAKVSIALATVVLNSIFH- TGEILPDYILQVQDLRSK- - - - - - - - - - - - 762
 AgBS AEWSAAKYVPTFNEYVENAKVSIALATVVLNSIFH- TGEILPDYILQVQDLRSK- - - - - - - - - - - - 710
 TbTS AEWSAAKYVPTFNEYVENAKVSIALATVVLNSIFH- TGEILPDYILQVQDLRSK- - - - - - - - - - - - 754

GbLS LINDTKTYQAERNRGEIVSSVQCYMRENPECTEEFALS HVVYGIIDNALKELNWE LANPASNAPLCV 832
 AgAS LINDTKTYQAERNRGEIVSSVQCYMRENPECTEEFALS HVVYGIIDNALKELNWE LANPASNAPLCV 826
 AgBS LINDTKTYQAERNRGEIVSSVQCYMRENPECTEEFALS HVVYGIIDNALKELNWE LANPASNAPLCV 775
 TbTS LINDTKTYQAERNRGEIVSSVQCYMRENPECTEEFALS HVVYGIIDNALKELNWE LANPASNAPLCV 820

GbLS RRLLENTARVMQLFYMYRDEGGIS- OKEMKDHVSRTIFDPVA 873
 AgAS RRLLENTARVMQLFYMYRDEGGIS- OKEMKDHVSRTIFDPVA 868
 AgBS RRLLENTARVMQLFYMYRDEGGIS- OKEMKDHVSRTIFDPVA 817
 TbTS RRLLENTARVMQLFYMYRDEGGIS- OKEMKDHVSRTIFDPVA 862

FIG. 4